

¹ Bubbleology Research International, Solvang, CA, ² University of California, Santa Barbara, CA, ³ The Aerospace Corporation, El Segundo, CA, ⁴ NASA Marshall Flight Center, Huntsville, AL, ⁵ Institute of Physical Optics, University of Bremen, German

COMEX will combine airborne surface, TIR and SWIR imaging spectroscopy and high spectral resolution spectroscopy for greenhouse gas source derivation from a number of 5 California sites as a part of the HypSIPI campaign, with a focus on the Los Angeles megacity.

Combined airborne and surface reference data are richer for source identification and characterizing the complex urban meteorology.

Synergies and insights could be derived from analyzing Hyperspectral Imaging data for Los Angeles land-use during the COMEX campaign.

Combined TIR and SWIR provides improved land-use characterization.

